

STANDARD INSPECTION REPORT OF A GAS TRANSMISSION PIPELINE RECORD AUDIT

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If an item is marked Unsatisfactory, Not Applicable, or Not Checked, an explanation must be included in this report.

Operator: AMEREN ILLINOIS COMPANY	Operator ID#: 32513
Inspection Date(s): 9/1/2015, 9/2/2015	Man Days: 2
Inspection Unit: Glasford Storage	
Location of Audit: Glasford	
Exit Meeting Contact: Rick Zimmer	
Inspection Type: Standard Inspection - Record Audit	
Pipeline Safety Representative(s): Charles Gribbins	
Company Representative to Receive Report: Michael Fuller	
Company Representative's Email Address: mfuller2@ameren.com	

Headquarters Address Information:	300 Liberty Peoria, IL 61602 Emergency Phone#: (800) 755-5000 Fax#:	
Official or Mayor's Name:	Ron Pate Phone#: (217) 424-6518 Email:	
Inspection Contact(s)	Title	Phone No.
Chris Juliusson	Quality Assurance Consultant	(217) 685-2377
Rick Zimmer	Supervisor Gas Storage	(217) 735-6936
John Sigler	Gas Quality Assurance Consultant	(309) 360-0530

Gas System Operations	Status
Gas Transporter	Panhandle Eastern, ARN
Miles of Main	See Comment
<u>General Comment:</u> 16" main 620' 12" main 7,101' 8" main 15,658' 6" main 7,698'	
Confirm Operator's Potential Impact Radius Calculations	See Comment

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<u>General Comment:</u> 6.625" MAOP 368 PIR 87.69' 10% buffer 96.46' 8.625" MAOP 368 PIR 114.16' 10% buffer 125.58' 12.75" MAOP 368 PIR 168.77' 10% buffer 185.64' 16" MAOP 368 PIR 211.78' 10% buffer 232.96'		
Annual Report (Form 7100.2.1) reviewed for the year:	Satisfactory	
<u>General Comment:</u> Staff reviewed the Annual report at the ICC Office.		
Regulatory Reporting Records	Status	
<u>Category Comment:</u> If any incidents occurred the following information would be obtained at the Pawnee Training Center.		
[191.5]	Were Telephonic Notices of Incidents reported to the NRC (800-424-8802)?	Not Applicable
<u>General Comment:</u> No incidents occurred in the storage field that require reporting per Part 191 requirements in 2013 or 2014		
[191.15(a)]	Was a DOT Incident Report Form F7100.2 submitted within 30 days after detection of an incident?	Not Applicable
<u>General Comment:</u> No incidents occurred in the storage field that require reporting per Part 191 requirements in 2013 or 2014		
[191.15(b)]	Were there any supplemental incident reports when deemed necessary?	Not Applicable
<u>General Comment:</u> No supplemental incidents reports were required for 2013 or 2014		
[191.23(a)]	Did the operator report Safety Related Conditions?	Not Applicable
<u>General Comment:</u> No safety related condition reports were required in 2013 & 2014.		
[191.25]	Did the Operator file a Safety Related Condition Report within 5 working days of determination, but not later than 10 working days after discovery?	Not Applicable
<u>General Comment:</u> No safety related condition reports were required in 2013 & 2014.		
[192.16(c)]	Customer Notification: Has the operator notified each customer after the customer first receives gas at a particular location?	Not Applicable
<u>General Comment:</u>		

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Customer notification is not applicable as no customers are supplied by the storage field.

TEST REQUIREMENTS		Status
[192.517(a)][192.505,192.507,192.509,192.511(c)]	Are pressure test records being maintained for piping operating above 100 psig?	Satisfactory
General Comment: Staff reviewed pressure test charts that indicated that pressure test and strength test were performed as required testing conducted in 2013 and 2014.		
[192.517(b)][192.511,192.509,192.513]	Are pressure test records being maintained for at least 5 years on piping operating below 100 psig?	Satisfactory
General Comment: No piping was installed in the storage field in 2013 or 2014 that operates under 100 psig		
UPRATING		Status
Category Comment: No uprating was performed in the Glasford Storage field in 2013 or 2014.		
[192.555][192.555]	Has the operator maintained documentation of uprating activities when uprating a pipe to a pressure that will produce a hoop stress of 30% or more SMYS?	Not Applicable
[192.557][192.557]	Has the operator maintained documentation of uprating activities when uprating a pipe to a pressure that will produce a hoop stress of less than 30% SMYS?	Not Applicable
OPERATIONS		Status
[192.603(b)][192.605(a)]	Has the operator conducted a review of the Operations and Maintenance Manual once per yr/15 months?	Not Checked
General Comment: The Operations and Maintenance Manual will be reviewed at the Pawnee Training Center at a later date.		
Has the operator conducted a review of the Operator Qualification Plan once per yr/15 months?		Not Checked
General Comment: The operator qualification plan was not reviewed as part of this inspection. To be reviewed at the Pawnee Training Center at a later date.		
[192.603(b)][192.605(b)(3)]	Are construction records, maps, and operating history available to operating personnel?	Satisfactory
General Comment: Staff reviewed construction records and verified records, maps and operating history at the Glasford Storage Field.		
[192.603(b)][192.605(b)(8)]	Has the operator periodically reviewed personnel's work to determine the effectiveness of normal O&M procedures when deficiencies are found?	Satisfactory
General Comment:		

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<i>No deficiencies were identified in storage field procedures in 2013 or 2014. Storage field personnel are included in the Ameren Quality Assessment program.</i>		
[192.603(b)][192.605(c)(1)(i)]	Does the operator maintain documentation for responding to, investigating, and correcting the cause of unintended closure of valves or shutdowns?	Satisfactory
<u>General Comment:</u> <i>No unintended closure of valves occurred in 2013 or 2014.</i>		
[192.603(b)][192.605(c)(1)(ii)]	Does the operator maintain documentation for responding to, investigating, and correcting the cause of increase or decrease in pressure or flow rate outside normal operating limits?	Satisfactory
<u>General Comment:</u> <i>No increase or decrease in flows outside the normal operating limits 2013 or 2014.</i>		
[192.603(b)][192.605(c)(1)(iii)]	Does the operator maintain documentation for responding to, investigating, and correcting the cause of loss of communications?	Satisfactory
<u>General Comment:</u> <i>No loss of communications occurred in 2013 & 2014</i>		
[192.603(b)][192.605(c)(1)(iv)]	Does the operator maintain documentation for responding to, investigating, and correcting the cause of operation of any safety device?	Satisfactory
<u>General Comment:</u> <i>The operator has not had any operations of any safety devices in 2013 or 2014.</i>		
[192.603(b)][192.605(c)(1)(v)]	Does the operator maintain documentation for responding to, investigating, and correcting the cause of any other foreseeable malfunction of a component, deviation from normal operation, or personnel error which may result in a hazard to persons or property?	Satisfactory
<u>General Comment:</u> <i>The operator did not have any problems 2013 and 2014.</i>		
[192.603(b)][192.605(c)(2)]	Does the operator maintain documentation of checking variations from normal operation after abnormal operation has ended at sufficient critical locations in the system to determine continued integrity and safe operation?	Satisfactory
<u>General Comment:</u> <i>No issues were identified after taking corrective actions.</i>		
[192.603(b)][192.605(c)(3)]	Does the operator maintain documentation of notifying responsible operator personnel when notice of an abnormal operation is received?	Satisfactory

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<u>General Comment:</u>		
<i>Ameren maintains documentation of notifications received and the corrective actions taken. Staff reviewed the following: Glasford Abnormal Operation Log for 2013 and 2014</i>		
[192.603(b)][192.605(c)(4)]	Does the operator maintain documentation for periodically reviewing the response of operator personnel to determine the effectiveness of the procedures controlling abnormal operation and taking corrective action where deficiencies are found?	Satisfactory
<u>General Comment:</u>		
<i>Staff reviewed the actions taken during periods of abnormal operations and no deficiencies were identified 2013 or 2014.</i>		
[192.603(b)][192.619,192.621,192.623]	Is the operator maintaining documentation verifying their Maximum Allowable Operating Pressure(s)? (MAOP)	Satisfactory
<u>General Comment:</u>		
<i>Decatur Engineering maintains the documentation regarding the system MAOP. Maps are utilized to record the current MAOP of piping in the Storage Field. Engineering establishes the pressure at which new piping shall be tested for new installation and to ensure the current MAOP is maintained. Staff reviewed the following: Glasford Storage Field MAOP 368 psig.</i>		
CONTINUING SURVEILLANCE RECORDS		Status
[192.709(c)][192.613(a)]	Has the operator reviewed continuing surveillance records for class location changes, failures, leak history, corrosion, changes in cathodic protection, and other unusual operating and maintenance conditions?	Not Checked
<u>General Comment:</u>		
<i>Class location surveys are performed by Transmission Integrity Group. These records will be reviewed during the Transmission Integrity Department audit.</i>		
CLASS LOCATION CHANGE		Status
[192.709(c)][192.609]	Does the operator maintain documentation when the class location changes for a segment of pipe operating at a hoop stress that is more than 40% SMYS?	Satisfactory
<u>General Comment:</u>		
<i>Glasford Storage does not have any piping that has a hoop stress of more than 40% SMYS.</i>		
DAMAGE PREVENTION RECORDS		Status
<u>Category Comment:</u>		
<i>These records are maintained by the Belleville Damage Prevention Group and are reviewed during a separate audit. There were no damages on the storage field piping due to third party damages. Glasford Storage field did some locating and watch and protect for damage protection.</i>		
[192.709(c)][191.17(a)]	Did the operator track the number of damages per 1000 locate requests for the previous years?	Not Checked
<u>General Comment:</u>		
<i>These records are maintained by the Belleville Damage Prevention Group and are reviewed during a separate audit. There were no damages on the storage field piping due to third party damages. Glasford Storage field did some locating and watch and protect for damage protection.</i>		

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Has the number of damages increased or decreased from prior year?		Not Checked
[192.709(c)][192.617]	Does the operator track records of accidents due to excavation damage to ensure causes of failures are addressed to minimize the recurrence?	Not Checked
[192.709(c)][192.614(c)(3)]	Does the operator provide documentation pertaining to notification of excavation, marking, positive response, and the availability and use of the one call system?	Not Checked
Does the operator have a Quality Assurance Program in place for monitoring the locating and marking of facilities?		Not Checked
Do pipeline operators include performance measures in facility locating contracts?		Not Checked
[IL ADM. CO.265.100(b)(1)]	Was third party damage to mains involving a release of gas reported to ICC JULIE Enforcement? http://www.icc.illinois.gov/julie/	Not Checked
Has the Operator adopted applicable section of the Common Ground Alliance Best Practices?		Not Checked
If no, were Common Ground Alliance Best Practices discussed with Operator?		Not Checked
EMERGENCY PLANS		Status
[192.603(b)][192.615(b)(1)]	Are supervisors, responsible for emergency action, furnished copies of the latest edition of the Emergency Plan?	Satisfactory
<u>General Comment:</u> <i>Staff verified the latest version of the emergency plan as July 2, 2014. The Storage Emergency Manual version dated 7-2-2014.</i>		
[192.603(b)][192.615(b)(2)]	Has the operator maintained documentation that the appropriate operating personnel have received training to assure they are knowledgeable of emergency procedures and that the training was effective?	Satisfactory
<u>General Comment:</u> <i>Staff verified that storage field personnel were provided training on the emergency plan 1-23-2013 and 2-10-14 (Annual Emergency Plan and Security Plan Review). Staff verified that storage field personnel were provided training on the O&M Manual. January 2014 (Gas Storage O&M Change Review. 1-28-13 and 12-16-2014</i>		
[192.603(b)][192.615(b)(3)]	Has the operator maintained documentation of employee activity reviews to determine whether the procedures were effectively followed in each emergency?	Satisfactory
<u>General Comment:</u> <i>The operator did not report any emergencies at this location. No reviews of employee's activities were required due to no emergencies occurring in 2013 and 2014.</i>		
[192.603(b)][192.615(c)]	Has the operator maintained documentation that the operator established and maintained liaison with appropriate fire, police and other public officials?	Satisfactory
<u>General Comment:</u>		

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<i>Staff verified that a meeting was held with Glasford Storage in the form of NIPA and SIPA Meetings for 2013 and 2014, and meeting with local fire and police for 2013 and 2014.</i>		
[192.603(b)][192.615(a)(3)]	Did the review of emergency response time intervals regarding odor/leak complaint documentation indicate adequate emergency response intervals were achieved?	Satisfactory
<u>General Comment:</u> <i>The storage field will respond to leak compliant and also the local operating center handles all leak complaints calls that may involve the storage facilities.</i>		
[192.603(b)][192.615(a)(11)]	Has the operator maintained documentation of actions that were required to be taken by a controller during an emergency?	Satisfactory
<u>General Comment:</u> <i>No actions were required by the controller due to an emergency as no conditions that met an emergency occurred at Glasford Storage. Alarms observed by Gas Control were reported and responded to by storage personnel in a timely manner in 2014. These were compressor shutdowns due to loss of commercial power and high level alarms on the discharge scrubbers.</i>		
ODORIZATION OF GAS		Status
[192.709(c)][192.625(f)]	Where required, has the operator maintained documentation of odorant concentration level testing?	Satisfactory
<u>General Comment:</u> <i>Odorant concentration level testing results are performed by the local operating centers. Records are not maintained by the Storage Field. The storage field does put in odorant at the storage field that feeds into the distribution system. "Odorant Inspection Report" for 2013 and 2014</i>		
[192.709(c)][192.625(e)]	Where required, has the operator maintained documentation of odorizer tank levels?	Satisfactory
<u>General Comment:</u> <i>Staff reviewed records and verified that odorizer tank levels were maintained as required.</i>		
PATROLLING & LEAKAGE SURVEY		Status
[192.709(c)][192.705]	Does the operator maintain documentation of a patrol program as required?	Satisfactory
<u>General Comment:</u> <i>In a letter dated July 16, 2014 which indicated that the class location form a class 3 to a class 1 location, the O&M Manual was changed to incorporate the class changes.</i>		
[192.709(c)][192.706]	Does the operator maintain documentation of leakage survey(s) performed on a transmission pipeline?	Satisfactory
<u>General Comment:</u> <i>Leak surveys were performed 5-17-2013 and then again in 4-17-14 with no leaks being indicated during either survey.</i>		
ABANDONMENT or DEACTIVATION of FACILITIES PROCEDURES		Status
[192.603(b)][192.727(b)]	Did the operator maintain documentation demonstrating that each pipeline abandoned in place was disconnected	Satisfactory

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	from all sources and supplies of gas, and purged of gas?	
General Comment: <i>In 2013 several sections of pipe were abandoned in 2013 and there was no pipe abandoned in 2014.</i>		
[192.603(b)][192.727(c)]	Did the operator maintain documentation demonstrating that each inactive pipeline that is not being maintained under this part was disconnected from all sources and supplies of gas; purged of gas?	Satisfactory
General Comment: <i>Abandoned piping was maintained on maps in the associated work packets.</i>		
[192.603(b)][192.727(e)]	Did the operator maintain documentation when air was used for purging that a combustible mixture was not present after purging?	Satisfactory
General Comment: <i>The operator procedures called for using a Sensit Gold to monitor the gas air mixture coming from the purge stack.</i>		
[192.727(g)][192.727(g)]	Did the operator maintain documentation for each abandoned onshore pipeline facility that crosses over, under or through a commercially navigable waterway?	Not Applicable
General Comment: <i>There is no commercially navigable waterways in the Glasford Storage Field Area.</i>		
COMPRESSOR STATION		Status
[192.709(c)][192.731(a)]	Has the operator maintained documentation of the compressor station relief devices at a minimum of 1 per year/15 months?	Satisfactory
General Comment: <i>Staff reviewed the following records: Compressor relief Valves Annual Inspection. 5/28/2013 and 5/8/2014</i>		
[192.709(c)][192.731(c)]	Has the operator maintained documentation compressor station emergency shutdown at a minimum of 1 per year/15 months?	Satisfactory
General Comment: <i>Staff reviewed Storage Field Emergency Shutdown ESD System Annual Test 5-21-13 and 6-11-14</i>		
[192.709(c)][192.736(c)]	Has the operator maintained documentation of the compressor stations – detection and alarms?	Satisfactory
General Comment: <i>Staff reviewed the following documents for 2013 and 2014: Fire Detection System Six Months Fire Detection Alarm System Annual Inspection Gas Detection Quarterly Calibration Check Gas Detection Alarm System Annual Inspection</i>		

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PRESSURE LIMITING AND REGULATION		Status
<u>Category Comment:</u> <i>There are no pressure regulating stations at the Storage field</i>		
[192.709(c)][192.739(a)]	Is the operator inspecting and testing the pressure limiting and regulating stations at a minimum of 1 per year/15 months?	Not Applicable
[192.709(c)][192.743(a)]	Is the operator inspecting pressure limiting and regulating stations for adequate capacity at a minimum of 1 per year/15 months?	Not Applicable
[192.709(c)][192.743(b)]	If the operator used calculations to determine sufficient capacity, were the calculation reviews documented at a minimum of 1 per year/15 months?	Not Applicable
[192.709(c)][192.743(a), 192.743(b), 192.195(b)(2)]	Is overpressure protection provided by the supplier pipeline downstream of the take point?	Not Applicable
[192.709(c)][192.743(a)]	If Yes, does the operator have documentation to verify that these devices have adequate capacity?	Not Applicable
VALVE MAINTENANCE		Status
[192.709(c)][192.745(a), 192.745(b)]	Did the operator inspect and partially operate transmission valves that might be required during any emergency at a minimum of 1 per year/15 months?	Satisfactory
<u>General Comment:</u> <i>Staff verified that valves associated within the storage field were inspected as required. 2013 and 2014</i>		
[192.709(c)][192.749]	Did the operator inspect and maintain vaults > 200 cubic feet at a minimum of 1 per year/15 months?	Not Applicable
<u>General Comment:</u> <i>There are no vaults in the transmission system that meets the 200 cubic foot requirements</i>		
[192.709(c)][192.179]	Are transmission line valves being installed as required of 192.179?	Not Applicable
<u>General Comment:</u> <i>The operator has not installed any valves that required to be placed at certain distances.</i>		
[192.709(b)][192.745(b)]	Did the operator take prompt remedial action to correct any valve found inoperable, unless an alternative valve was designated?	Satisfactory
<u>General Comment:</u> <i>The operator did not have any valves that were found to be inoperable during the inspection cycle for 2013 or 2014</i>		
Investigation Of Failures		Status
[192.709(c)][192.617]	Did the operator experience accidents or failures requiring	Satisfactory

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	analysis?	
General Comment: <i>The operator did not experience any accidents or failures requiring analysis in 2013 or 2014.</i>		
WELDING OF STEEL PIPE		Status
[192.603(b)][192.225(b)]	Does the operator have documentation for their qualified welding procedure?	Satisfactory
General Comment: <i>Staff reviewed the qualified welding procedure used at the Glasford Storage Field for project pipe. Welding Procedure ENE-Ameren-002 Rev 2 Weld: S6070. Process/Code SMAW-API 1104 20th Edition API 5L grades or greater than X42 thru X60, ASTM Grade Y-42 thru Y-60</i>		
[192.603(b)][192.227, 192.229]	Does the operator have documentation of welder qualification documentation as required?	Satisfactory
General Comment: <i>Initial Multi-Qualification Welder Report, James Brust 06-05-2014</i>		
[192.807]	Does the operator have documentation of welder OQ records?	Satisfactory
General Comment: <i>Staff reviewed the Operator Qualification for James Brust</i>		
[192.709][192.243(b)(2)]	Does the operator have documentation of NDT personnel qualification as required?	Satisfactory
General Comment: <i>Staff reviewed the NDT qualification for the following personnel: David White, Dean Brauer, Darren Clayton</i>		
[192.709][192.243(f)]	Does the operator have documentation of NDT testing performed?	Satisfactory
General Comment: <i>Staff reviewed the weld test reports for NDT testing performed in 2013 and 2014, there were no cut out's or failures found during the NDT.</i>		
CORROSION CONTROL RECORDS		Status
[192.491(a)][192.491(a)]	Has the operator maintained maps or records of cathodically protected piping, cathodic protection facilities, galvanic anodes, and neighboring structures bonded to the cathodic protection system	Satisfactory
[192.491][192.459]	Has the operator maintained documentation of examination when buried pipe was exposed?	Satisfactory
General Comment: <i>Staff reviewed buried pipe examination reports filled out during construction projects. No issues were reported in 2013. There has not been any pipeline exposed in 2014.</i>		

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[192.491][192.465(a)]	Has the operator maintained documentation of annual pipe-to-soil monitoring performed at a minimum of 1 per yr/15 months and/or isolated services or short sections of main less than 100 feet at a minimum of 10% annually?	Satisfactory
<u>General Comment:</u> <i>Staff reviewed 30 pipe-to-soil readings for the storage area, readings all were found to be in compliance with -.85 volt criteria.</i>		
[192.491][192.465(b)]	Has the operator maintained documentation of rectifier or other impressed current power sources inspections at a minimum of 6 per year/ 2 1/2 months?	Satisfactory
<u>General Comment:</u> <i>Records were verified indicating that the rectifier were inspected as required by this section. At the Glasford storage field they have been inspecting the rectifiers on a monthly basis.</i>		
[192.491][192.465(c)]	Has the operator maintained documentation of each critical interference bond, reverse current switch, diode, etc. inspections at a minimum of 6 per year/ 2 1/2 months and/or non-critical interference bond inspections at a minimum of 1 per year/15 months?	Satisfactory
<u>General Comment:</u> <i>There are critical bonds and non-critical on the transmission system they are inspected as required 2013 and 2014, at a minimum 6 times a year.</i>		
[192.491][192.465(d)]	Has the operator taken prompt remedial actions to correct any deficiencies indicated by the monitoring?	Satisfactory
<u>General Comment:</u> <i>No corrective actions were required due to the cathodic survey performed in 2013 and 2014.</i>		
[192.491][192.465(e)]	Has the operator maintained documentation of unprotected pipeline surveys, inspections, or tests at a minimum of 3 years/39 months?	Satisfactory
<u>General Comment:</u> <i>There are no unprotected pipelines in the Glasford Storage Field.</i>		
[192.491][192.467(a), 192.467(c), 192.467(d)]	Has the operator maintained documentation of inspections or tests for electrical isolation including casings?	Satisfactory
<u>General Comment:</u> <i>There are no casings in the Glasford storage field 2013 and 2014.</i>		
[192.491][192.469]	Does the operator have a sufficient number of test stations or other contact points for electrical measurement to determine the adequacy of cathodic protection?	Satisfactory
<u>General Comment:</u> <i>The Glasford Storage Field has numerous test point on its system</i>		
[192.491][192.471]	Has the operator maintained documentation of corrective	Satisfactory

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	actions taken when a test lead is no longer electrically conductive?	
<u>General Comment:</u> <i>No test points were identified needing corrective action.</i>		
[192.491][192.473(b)]	Has the operator maintained documentation of inspections or tests to assure their cathodic protection system is not affecting adjacent underground metallic structures?	Satisfactory
<u>General Comment:</u> <i>They have an interstate transmission crossing their piping and they have a critical bond at that point which is checked 6 time a year.</i>		
[192.491][192.475(a)]	Has the operator maintained documentation of investigations or steps taken to minimize internal corrosion due to transportation of corrosive gas?	Satisfactory
<u>General Comment:</u> <i>The operator has not encountered any internal corrosion problems in 2013 and 2014.</i>		
[192.491][192.475(b)]	Has the operator maintained documentation of internal surface inspections performed when pipe is removed for any reason?	Satisfactory
<u>General Comment:</u> <i>Staff reviewed Buried Pipe Examination report and noted that internal corrosion pipe conditions were checked when pipe was removed.</i>		
[192.491]	Has the operator maintained documentation of written procedures supported by as-built drawings or other construction records?	Satisfactory
<u>General Comment:</u> <i>Staff reviewed as-built drawings of new installed pipe in 2013. There was not any pipe installed in 2014</i>		
[192.491][192.477]	Has the operator maintained documentation of internal corrosion coupon monitoring at a minimum of 2 per year/ 7 1/2 months?	Satisfactory
<u>General Comment:</u> <i>Staff reviewed the following documentation Corrosion coupon weight loss monitor sites status</i>		
[192.491][192.479]	Has the operator maintained documentation of corrective action where atmospheric corrosion was discovered?	Satisfactory
<u>General Comment:</u> <i>Ameren has a waiver to conduct Atmospheric corrosion during the leak survey cycle. No issues were identified during the 2013 and 2014 atmospheric corrosion survey.</i>		
[192.491][192.481]	Has the operator maintained documentation of atmospheric corrosion control monitoring at a minimum of 1 per 3 years/ 39 months?	Satisfactory

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<u>General Comment:</u>		
<i>Ameren has a waiver to conduct Atmospheric corrosion during the leak survey cycle. No issues were identified during the 2013 and 2014 atmospheric corrosion survey.</i>		
[192.491][192.483(a),192.483(b),192.483(c)]	Has the operator maintained documentation demonstrating that pipe removed due to external corrosion has been repaired or replaced with pipe that was coated and cathodically protected?	Satisfactory
<u>General Comment:</u>		
<i>No piping was removed due to external corrosion in 2013 and 2014.</i>		
TRAINING - 83 IL ADM. CODE 520		Status
[520.10(a) (1)]	Has the operator maintained documentation demonstrating that personnel have received adequate training?	Satisfactory
<u>General Comment:</u>		
<i>Staff reviewed training documents Ameren Brands Training Module 1, 2, & 3 Safety Training nine subjects were listed in the records inspected. Staff reviewed the Ameren Operator Qualification Employee Summary Sheet to verify the training requirements</i>		
[520.10(a) (2)]	Do training records include verbal instruction and/or on the job training for each job classification?	Not Checked
<u>General Comment:</u>		
<i>Staff reviewed the following Operator Qualification summary sheets for the employees at Glasford Storage field. The Operator Qualification summary's contained Work performance, Oral performance and Performance for each employee.</i>		
[520.10(b)]	Has the municipal operator maintained documentation demonstrating that personnel have received adequate training?	Not Applicable
<u>General Comment:</u>		
<i>This is a requirement for municipal operators.</i>		
[520.10(a)(5)]	Are procedures periodically updated to include new materials, new methods of operation and installation, and changes in general procedures?	Satisfactory
<u>General Comment:</u>		
<i>Staff reviewed sections of the Operation and maintenance manual.</i>		

STANDARD INSPECTION REPORT OF A GAS TRANSMISSION PIPELINE

RECORD AUDIT

Unless otherwise noted, all code references are to 49CFR Part 192.

If an item is marked Unsatisfactory, Not Applicable, or Not Checked, an explanation must be included in this report.